

Amendments to the Claims

Claims 1-17 (*Cancelled*)

18. (*Currently Amended*) A transceiver comprising:

means for transmitting a first signal;

means for interchanging an I transmit signal and a Q transmit signal from a local oscillator to form a Q receive signal from said I transmit signal and ~~a I receive~~
an I receive signal from said Q transmit signal ;

means for receiving the first signal, said Q receive signal, and said I receive signal to provide a characterization signal; and

means for adjusting said means for transmitting in dependence upon the characterization signal.

19. (*Previously Presented*) The transceiver of claim 18, wherein said means for adjusting is configured to adjust at least one of a phase or a gain of said means for transmitting to facilitate reduction of unwanted signals.

20. (*Previously Presented*) The transceiver of claim 18, wherein said means for adjusting is configured to adjust a phase of one or more oscillation signals provided to said means for transmitting to facilitate rejection of unwanted signals.

21. (*Currently Amended*) A transmitter configured to transmit a first signal; said transmitter comprising:

means for interchanging an I transmit signal and a Q transmit signal from a local oscillator to form a Q receive signal from said I transmit signal and ~~a I receive~~
an I receive signal from said Q transmit signal; and

means for adjusting said transmitter in dependence upon a characterization signal provided from a receiver which is configured to receive said first signal, said Q receive signal, and said I receive signal.

22. (*Previously Presented*) The transmitter of claim 21, wherein said means for adjusting is configured to adjust at least one of a phase or a gain of said transmitter to facilitate reduction of unwanted signals.

23. (*Previously Presented*) The transmitter of claim 21, wherein said means for adjusting is configured to adjust a phase of one or more oscillation signals provided to said transmitter to facilitate rejection of unwanted signals.

24. (*Currently Amended*) A transmitter configured to transmit a first signal; said transmitter comprising:

a switch which is configured to interchange an I transmit signal and a Q transmit signal from a local oscillator to form a Q receive signal from said I transmit signal and ~~a I receive~~ an I receive signal from said Q transmit signal; and

a controller which is configured to adjust said transmitter in dependence upon a characterization signal provided from a receiver which is configured to receive said first signal, said Q receive signal, and said I receive signal.

25. (*Previously Presented*) The transmitter of claim 24, wherein said controller is configured to adjust at least one of a phase or a gain of said transmitter to facilitate reduction of unwanted signals.

26. (*Previously Presented*) The transmitter of claim 24, wherein said controller is configured to adjust a phase of one or more oscillation signals provided to said transmitter to facilitate rejection of unwanted signals.